International Application No PCT/US2004/030699

A. CLASSII	CLZQI/68	•		
According to	International Palent Classification (IPC) or to both national classifi	pation and IPC		
B. FIELDS	SEARCHED			
IPC 7	currentation searched (classification system followed by classifical C12Q			
	ion searched other than minimum documentation to the extent that			
	ata paso consulted during the international search (name of data b		sed)	
EPO-In	ternal, BIOSIS, PAJ, WPI Data, EMBA	ASE		
C. DOCUME	NTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where appropriate, of the re-	olevant passages	Relevant to claim No.	
P,X	THORGEIRSSON T E ET AL: "Marke associated with the inversion pon chromosome 8p23 are associate Panic Disorders."	1-63		
	AMERICAN JOURNAL OF HUMAN GENET Vol. 73, no. 5, November 2003 (page 514, XP002343054 53RD ANNUAL MEETING OF THE AMER SOCIETY OF HUMAN GENETICS; LOS CA, USA; NOVEMBER 04-08, 2003 ISSN: 0002-9297	2003-11), ICAN		
E	abstract W0 2005/002419 A (TRUSTEES OF BOSTON UNIVERSITY; MILUNSKY, JEFF, M) 13 January 2005 (2005-01-13) the whole document		1,14,41	
		-/		
X Furt	her documents are listed in the continuation of box C.	X Patent family members are li	stad in annex.	
* Special ca	itegories of clied documents ;	"T" later document published after the	international filing date	
I constr	ent defining the general state of the art which is not dered to be of particular relevance	or priority date and not in contict cited to understand the principle invention	or theory underlying the	
*E" earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered to				
	ant which may throw doubts an priority daim(s) or is cited to establish the publication data of another in or other spocial reason (as specified) ent referring to an oral disclosure, use, exhibition or	"Y" document of particular relevance; cannot be considered to involve	the claimed invention an inventive step when the or more other such docu-	
ather	ent retaining to an oral blackstad, does committee or ent published prior to the international filling date but han the priority date claimed	ments, such combination being on the art.  "E" document member of the same p	opvious to a person skillen	
	actual completion of the international search	Date of mailing of the internations		
}	2 September 2005		0, 2005	
Name and	mailing address of the ISA	Authorized officer		
	European Patent Office, P.B. 5918 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 opo nl, Fax: (+31-70) 340-3016	Bellmann, A	Bellmann, A	

International application No.

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Во	k No. I	Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)
1.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ntion, the international search was carried out on the basis of:
	a.	type of material  X a sequence listing table(s) related to the sequence listing
	þ.	format of material  In written format  in computer readable form
	c.	time of filing/furnishing  contained in the international application as filed  filed together with the international application in computer readable form  X furnished subsequently to this Authority for the purpose of search
2.	X	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed, as appropriate, were furnished.
3.	Add	itional comments:
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INTERNATIONAL SEARCH REPORT

International application No. PCT/US2004/030699

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This international Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.:  because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:  See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this international application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all coarchable claims.
2. As all searchable chains could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention (frat mentioned in the claims; it is covered by claims Nos.:
Remark on Protest  The additional search fees were accompanied by the applicant's protest.  No protest accompanied the payment of additional search fees.

#### FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.:

The numbering of the claims does not comply with Rule 6.1(e) PCT in that some claims are numbered with non-arabic numerals, i.e. claims 13b,26b,34b and 43b and some claim numbers are duplicated, i.e. claims with the number 42 to 45 occur twice (Rule 6.1(b) PCT). Claims 13b, 26b,34b and 43b were renumbered as claims 56, 57, 58 and 59 respectively and the later claims 42 to 45 were renumbered as claims 60 to 63.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

International Application No PCT/US2004/030699

		PCT/US2004/030699		
C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT				
Category "	Citation of document, with Indication, where appropriate, of the rolevant passages	Relevant to claim No.		
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x	SUGAWARA H ET AL: "Complex low-copy repeats associated with a common polymorphic inversion at human chromosome 8p23" GENOMICS, ACADEMIC PRESS, SAN DIEGO, US, vol. 82, no. 2, August 2003 (2003-08), pages 238-244, XP004434191 ISSN: 0888-7543 the whole document	14-26,41		
x	OPHOFF ROEL A ET AL: "Genomewide linkage disequilibrium mapping of severe bipolar disorder in a population isolate." AMERICAN JOURNAL OF HUMAN GENETICS. SEP 2002, vol. 71, no. 3, September 2002 (2002-09), pages 565-574, XP002343055 ISSN: 0002-9297 page 569; table 1	14-26		
x	PULVER A E: "SEARCH FOR SCHZOPHRENIA SUSCEPTIBILITY GENES" BIOLOGICAL PSYCHIATRY, ELSEVIER SCIENCE, NEW YORK, NY, US, vol. 47, 1 February 2000 (2000-02-01), pages 221-230, XP000944356 ISSN: 0006-3223 page 225; table 1	14-26		
Α	HANS C ET AL: "AN UNUSUAL DE NOVO INVERSION AND DUPLICATION OF CHROMOSOME 8; 46, XY, REC(8) DUP(P11 P22), INV (8)(P23 Q22) A RELATIONSHIP WITH SAN LUIS VALLEY SYNDROME?" EUROPEAN JOURNAL OF HUMAN GENETICS, KARGER, BASEL, CH, vol. 9, no. SUPPL 1, 19 May 2001 (2001-05-19), page P0266, XP008051011 ISSN: 1018-4813 abstract			
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Form PCT/ISA/210 (continuation of second shock) (January 2004)

Information on patent family mombers

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